STRATEGIC PLAN DRAFT – HOW IT WAS WRITTEN

- 6 TASK GROUPS with
- 65 VOLUNTEERS MET AND GAVE THEIR INPUT ON VARIOUS TOPICS

STRATEGY COMMITTEE
 CREATED A
 FRAMEWORK OUTLINE

- RURAL AVAILABILITY
- ADOPTION REQUIREMENTS FOR EDUCATION,
- HEALTHCARE,
- PUBLIC SAFETY AND
- ECONOMIC DEVELOPMENT
- REVIEWED NUMEROUS DRAFTS WITH THE COMMITTEE, TASK GROUP LEADERS, AND OTHERS TO ACHIEVE A CONSENSUS

In a March 7, 2012 letter to Arizona State Legislators, Arizona Superintendent John Huppenthal stated:

"The minimum speed that is educationally sufficient to support ADE's transformational plans is 6 Megabits per second per student."

This speed enables uninterrupted video communication and streaming and rapid downloads of educational content whether a student is **at home or at school.**"

"Educationally Sufficient" availability percentages for households precipitously decline to:

72% across all rural areas

57% for sparsely populated rural areas, I

This leaves:

43% of households in sparsely populated rural areas without such higher-performance services.

BROADBAND IN ARIZONA

• The federal government defines broadband based on speeds However...

Definition of Broadband is Changing! It is Getting Faster and Faster!

- 1999 definition: 200 Kbps download, 200 Kbps upload
- 2012 definition: 4Mbps download, 1Mbps upload
- 2015 definition: 50 Mbps download, 20 Mbps upload
- 2020 definition: 100Mbps download, 50 Mbps upload (FCC, 2010, p. 9)
- Thus, in 2020, the National Broadband Plan goal for the speeds to meet the definition of broadband access, compared to the 1999 definition, will be 250 times greater for upload speeds, and 500 times greater for download speeds.

Among the fifty states in average digital connection speeds.

Our neighbors

California ranks 8th,

Nevada 9th

Utah ranks 2nd

Arizona currently ranks 34th

THE PLAN'S STRATEGIC
GOAL IS TO REDUCE THE
COST FOR DIGITAL
BUILDOUT IN RURAL
ARIZONA AND THEREFORE
INCREASING THE INCENTIVE
TO THE PRIVATE SECTOR IN
TWO WAYS:

1. BUILD ON SB 1402 LEGISLATION BY MAKING AVAILABLE TAXPAYER-OWNED HIGHWAY AND OTHER RIGHTS OF WAY TO LOWERED COST.

The intention is to encourage private sector investments in areas of with limited market incentives.

2. FACILITATE DIALOGUE TO CREATE AGREEMENT AROUND POTENTIAL STANDARDS AND BEST-PRACTICES FOR **ACCELERATING COSTLY** PERMITTING AND EASEMENT PROCESSES SO MORE NETWORK INFRASTRUCTURE WILL BE **BUILT AND OPERATED BY** THE PRIVATE SECTOR IN RURAL ARIZONA.

DAP will continue to support local and regional communities coming together to analyze what their specific situations actually are, and decide at the local and regional level what actions they might take.

DAC and DAP's role is to facilitate those discussions.

THE DIGITAL ARIZONA PROGRAM IS NOW LAUNCHING LARGE-SCALE **BROADBAND SPEED VERIFICATION AND USER** SURVEY THAT WILL PROVIDE A STATISTICLY VALID REAL-WORLD COMPARISONS OF RURAL VS. URBAN **BROADBAND EXPERIENCE**